

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
 Data File : BN010201.D
 Acq On : 11 Mar 2020 20:34
 Operator : CG/JU
 Sample : L1842-23DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 12 07:16:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 11 17:37:44 2020
 Response via : Initial Calibration

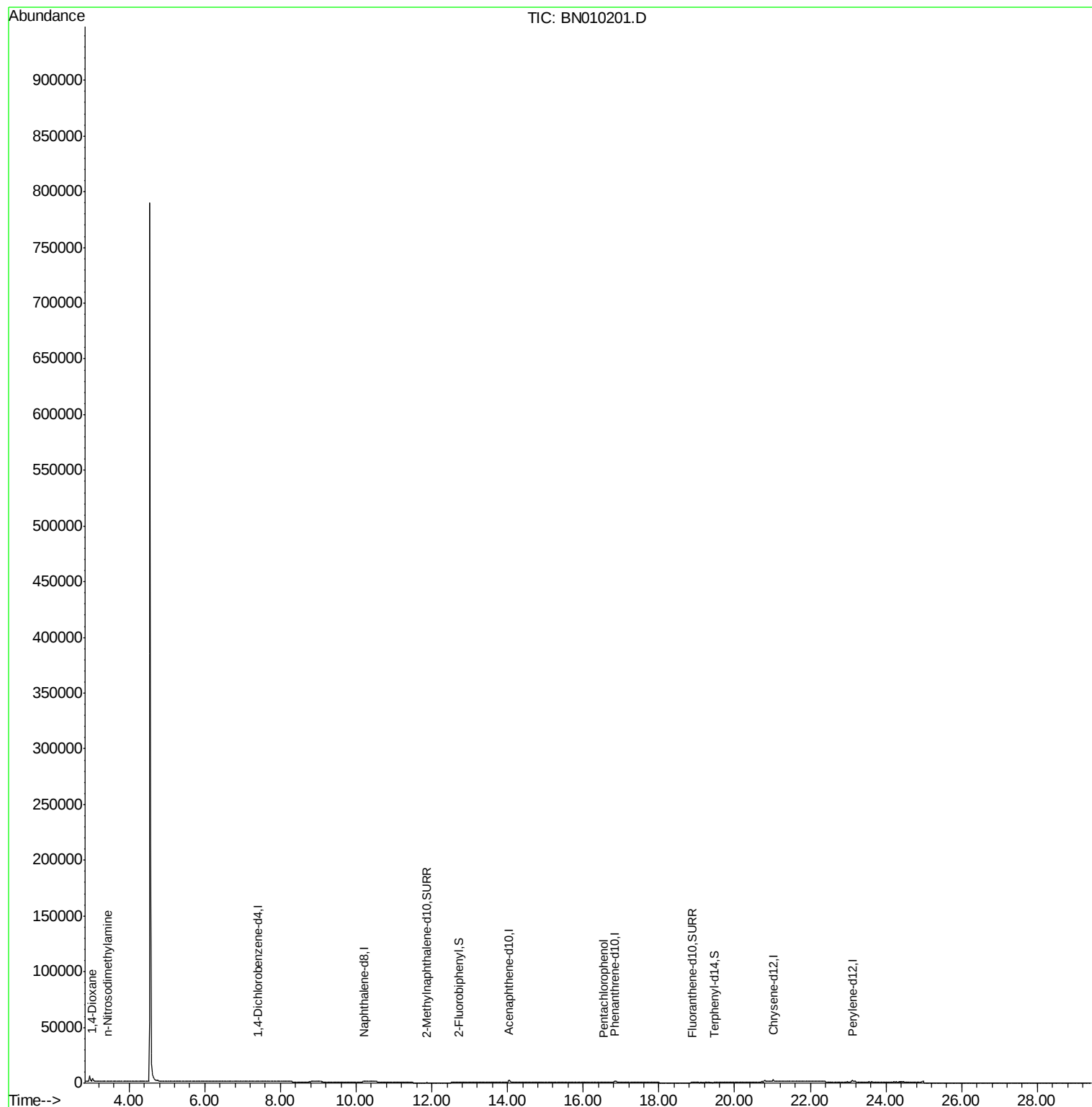
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	429	0.40	ng	0.05
7) Naphthalene-d8	10.21	136	2455	0.40	ng	0.10
13) Acenaphthene-d10	14.03	164	1979	0.40	ng	0.03
19) Phenanthrene-d10	16.83	188	4121	0.40	ng	0.05
27) Chrysene-d12	21.02	240	3117	0.40	ng	0.02
34) Perylene-d12	23.11	264	3136	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	1	0.00	ng	0.02
5) Phenol-d6	6.65	99	1	0.00	ng	0.05
8) Nitrobenzene-d5	8.64	82	2	0.00	ng	0.09
11) 2-Methylnaphthalene-d10	11.87	152	290	0.06	ng	0.14
14) 2,4,6-Tribromophenol	15.54	330	1	0.00	ng	0.00
15) 2-Fluorobiphenyl	12.72	172	328	0.04	ng	0.09
25) Fluoranthene-d10	18.87	212	866	0.06	ng	0.05
29) Terphenyl-d14	19.46	244	635	0.09	ng	0.03
Target Compounds						
2) 1,4-Dioxane	3.03	88	1085	2.469	ng	97
3) n-Nitrosodimethylamine	3.43	42	17	0.024	ng	# 22
20) 4-Bromophenyl-phenylether	16.08	248	1	Below Cal	#	79
22) Pentachlorophenol	16.55	266	4	0.183	ng	# 75

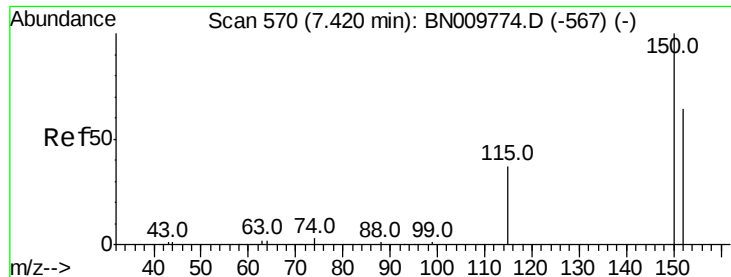
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
Data File : BN010201.D
Acq On : 11 Mar 2020 20:34
Operator : CG/JU
Sample : L1842-23DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 12 07:16:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 11 17:37:44 2020
Response via : Initial Calibration



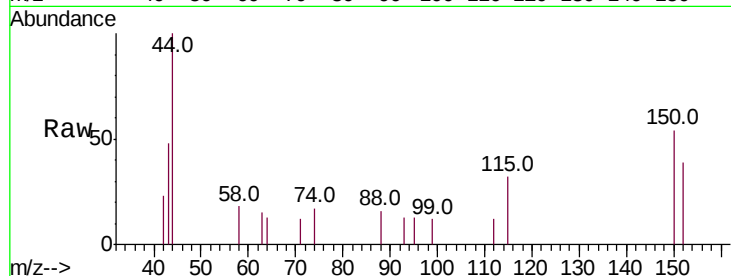


#1

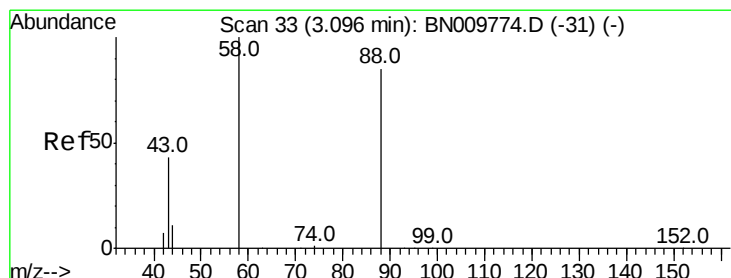
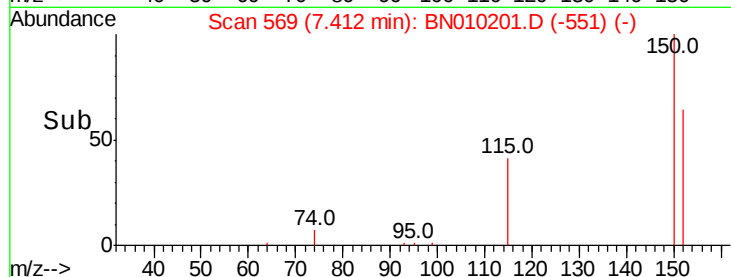
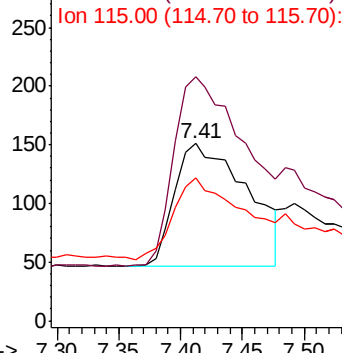
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. 0.05 min
Lab File: BN010201.D
Acq: 11 Mar 2020 20:34

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 429
Ion Ratio Lower Upper
152 100
150 137.7 120.6 181.0
115 80.8 51.2 76.8#



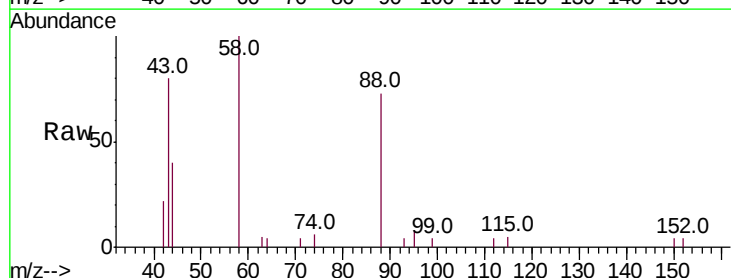
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



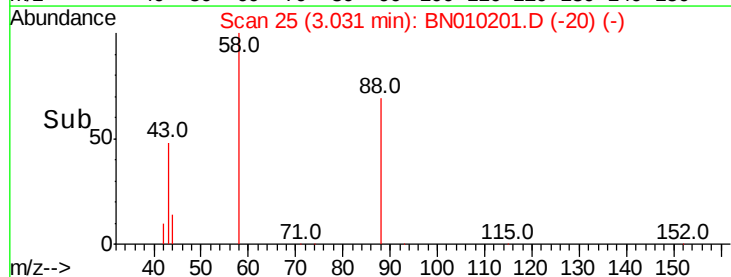
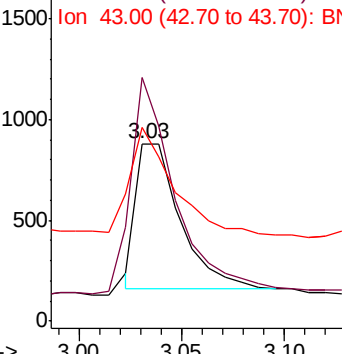
#2

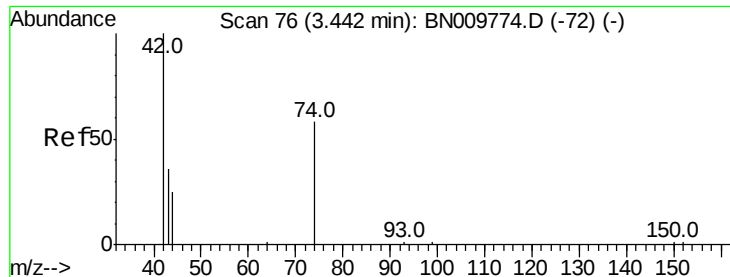
1,4-Dioxane
Concen: 2.469 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN010201.D
Acq: 11 Mar 2020 20:34

Tgt Ion: 88 Resp: 1085
Ion Ratio Lower Upper
88 100
58 122.1 97.8 146.8
43 63.8 45.1 67.7



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC



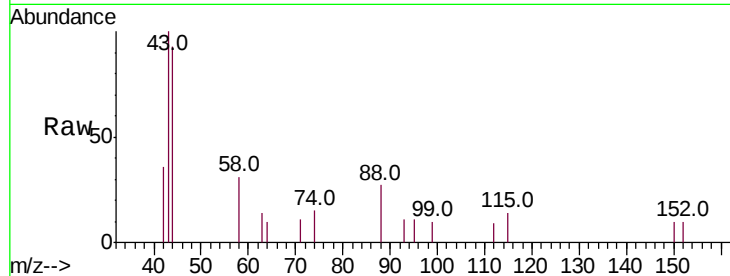


#3

n-Nitrosodimethylamine
 Concen: 0.024 ng
 RT: 3.43 min Scan# 75
 Delta R.T. 0.05 min
 Lab File: BN010201.D
 Acq: 11 Mar 2020 20:34

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	51.2	76.8#
44	0.0	2.6	4.0#

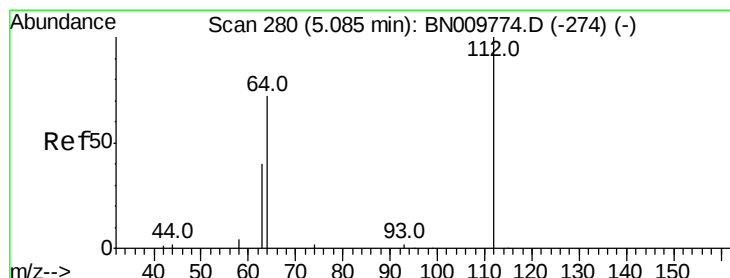
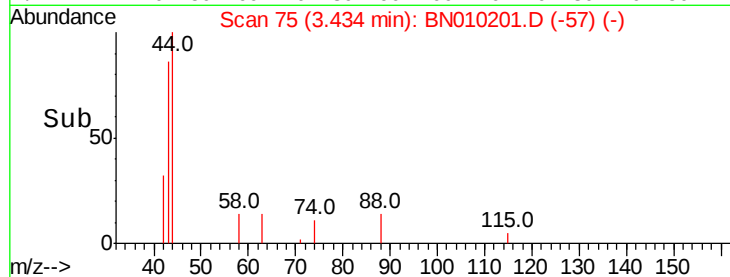
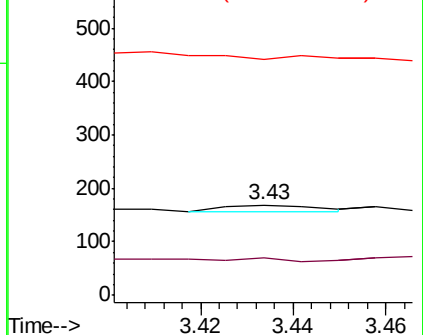


Abundance

Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

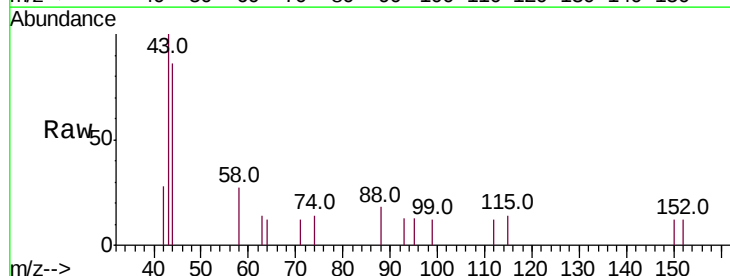
Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol
 Concen: 0.001 ng
 RT: 5.06 min Scan# 277
 Delta R.T. 0.02 min
 Lab File: BN010201.D
 Acq: 11 Mar 2020 20:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	65.8	98.6#
63	600.0	38.7	58.1#

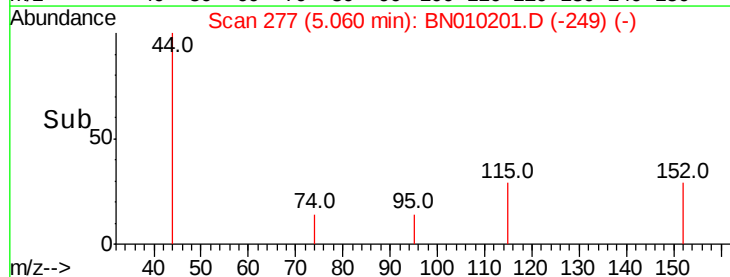
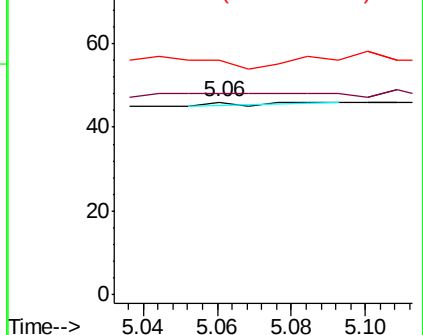


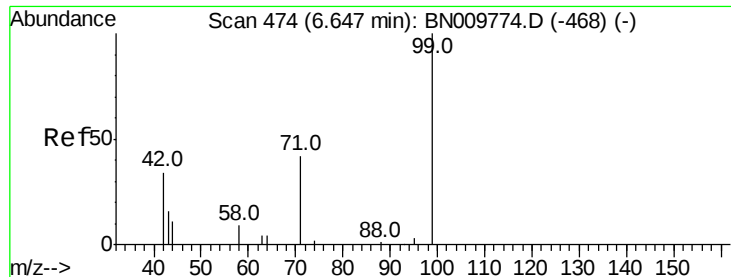
Abundance

Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.001 ng

RT: 6.65 min Scan# 475

Delta R.T. 0.05 min

Lab File: BN010201.D

Acq: 11 Mar 2020 20:34

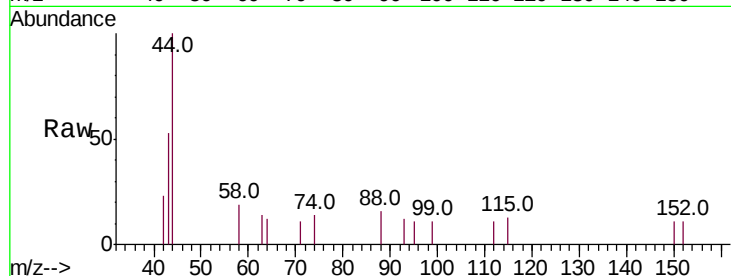
Instrument :

BNA_N

ClientSampleId :

Tot Ion: 99 Resp: 1

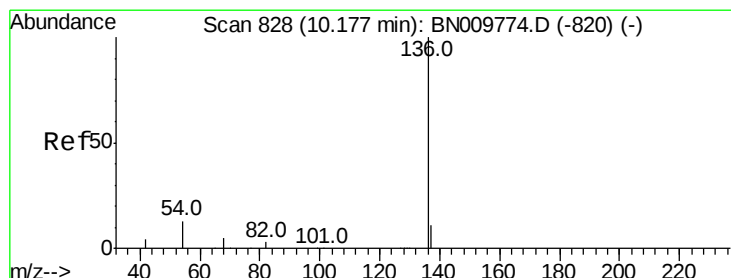
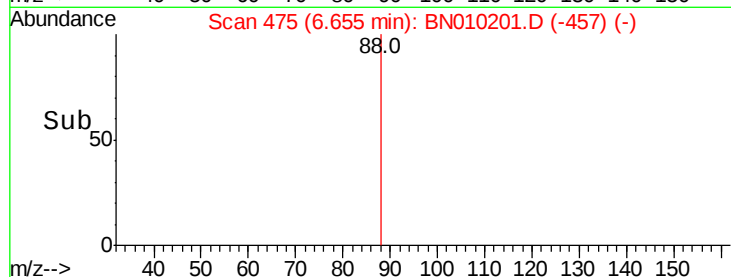
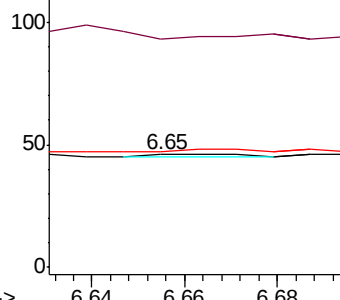
Ion	Ratio	Lower	Upper
99	100		
42	0.0	30.8	46.2#
71	400.0	34.9	52.3#



Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.21 min Scan# 831

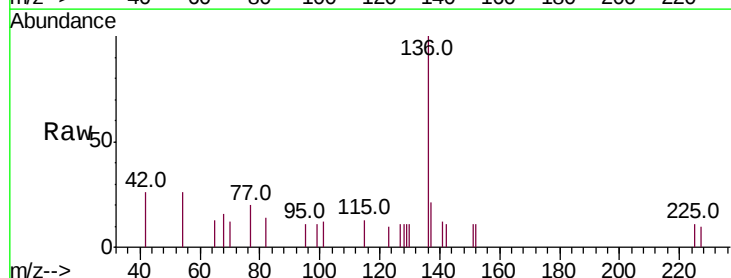
Delta R.T. 0.10 min

Lab File: BN010201.D

Acq: 11 Mar 2020 20:34

Tgt Ion: 136 Resp: 2455

Ion	Ratio	Lower	Upper
136	100		
137	20.5	11.3	16.9#
54	26.3	13.4	20.2#
68	16.1	7.0	10.4#

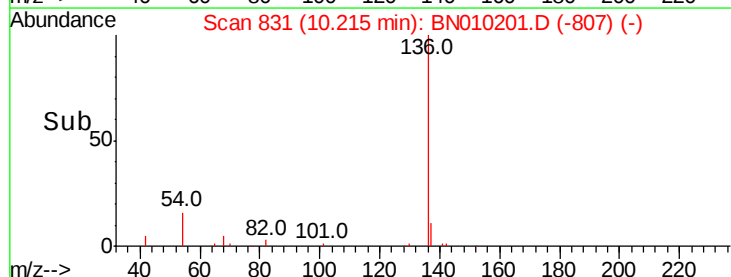
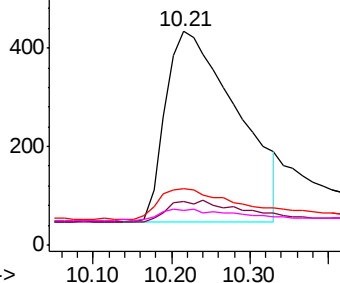


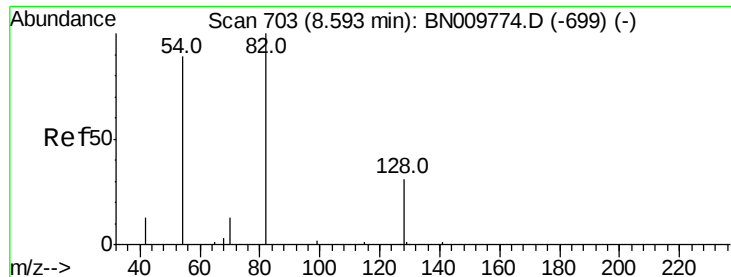
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0

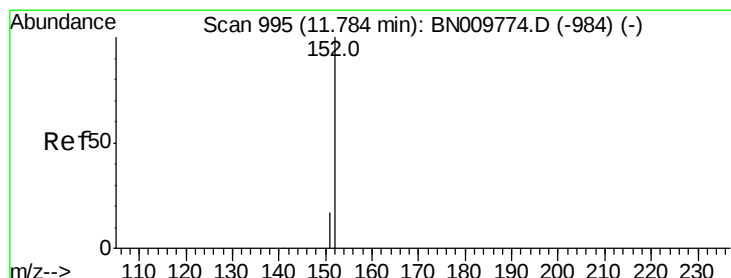
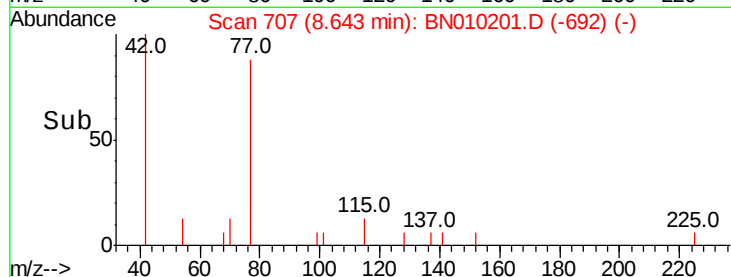
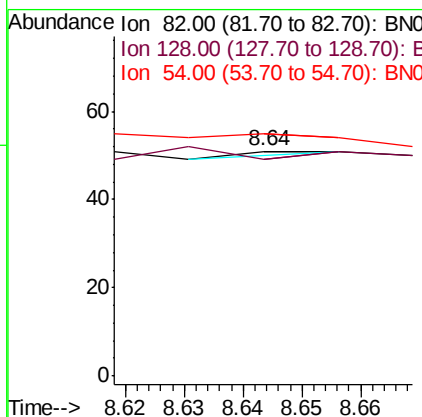
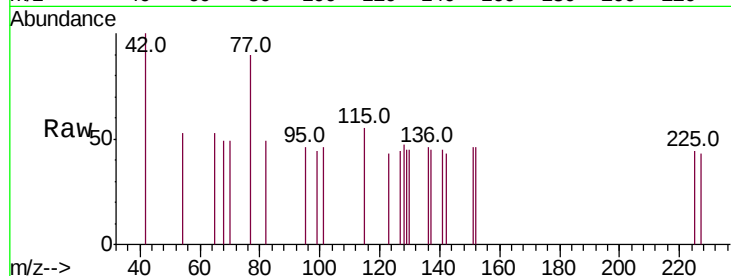




#8
Nitrobenzene-d5
Concen: 0.001 ng
RT: 8.64 min Scan# 707
Delta R.T. 0.09 min
Lab File: BN010201.D
Acq: 11 Mar 2020 20:34

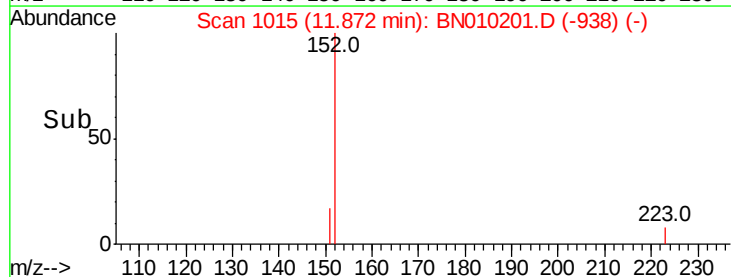
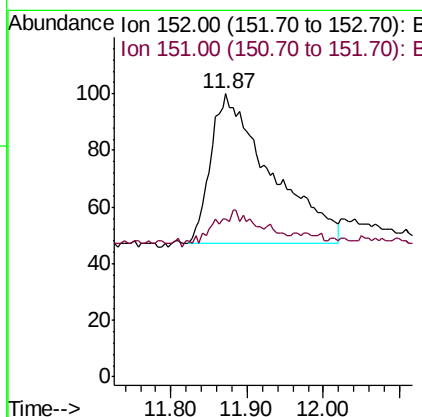
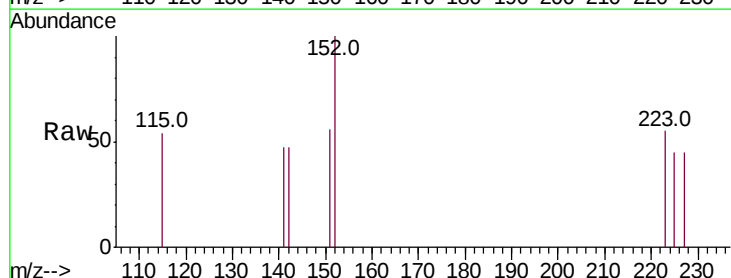
Instrument :
BNA_N
ClientSampleId :

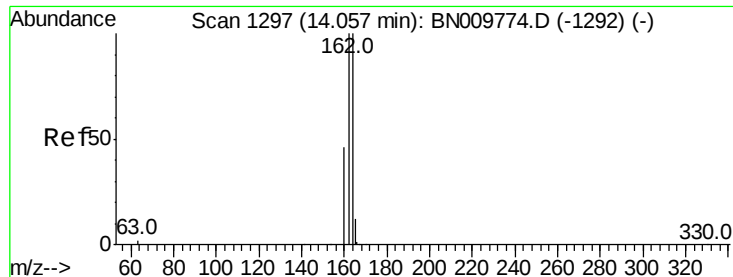
Tot Ion: 82 Resp: 2
Ion Ratio Lower Upper
82 100
128 96.1 32.5 48.7#
54 107.8 73.5 110.3



#11
2-Methylnaphthalene-d10
Concen: 0.061 ng
RT: 11.87 min Scan# 1015
Delta R.T. 0.14 min
Lab File: BN010201.D
Acq: 11 Mar 2020 20:34

Tgt Ion: 152 Resp: 290
Ion Ratio Lower Upper
152 100
151 15.9 15.1 22.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1295

Delta R.T. 0.03 min

Lab File: BN010201.D

Acq: 11 Mar 2020 20:34

Instrument :

BNA_N

ClientSampleId :

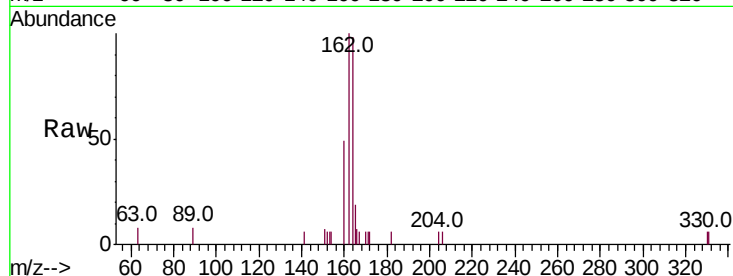
Tot Ion:164 Resp: 1979

Ion Ratio Lower Upper

164 100

162 102.5 79.9 119.9

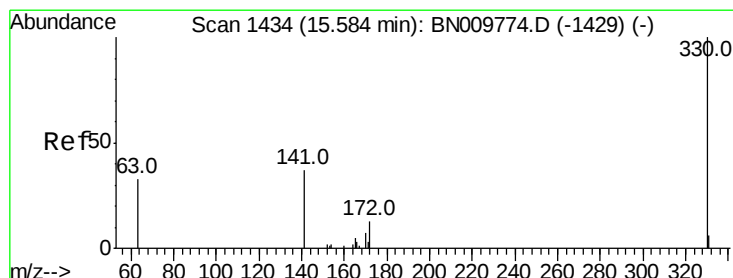
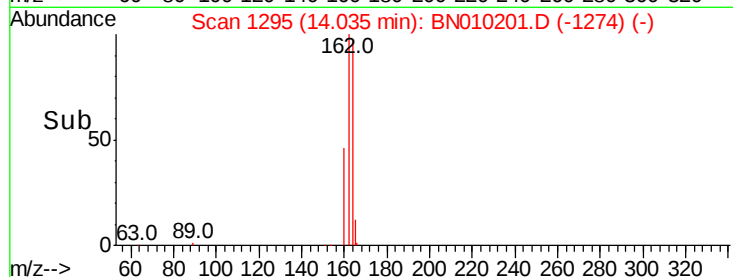
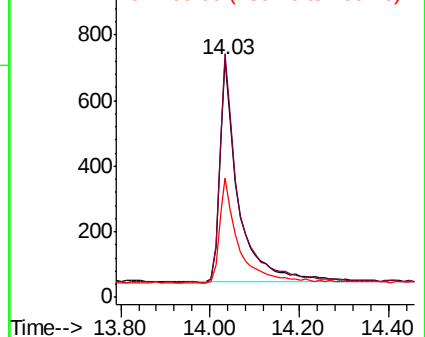
160 50.3 38.2 57.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.001 ng

RT: 15.54 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BN010201.D

Acq: 11 Mar 2020 20:34

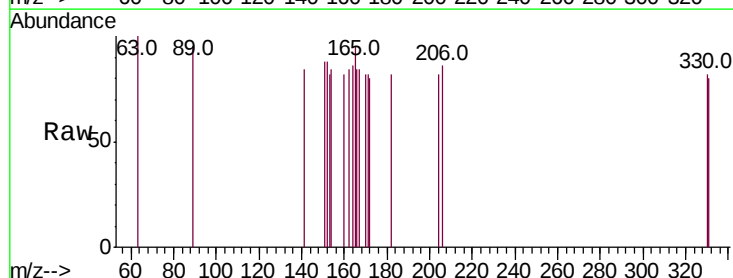
Tgt Ion:330 Resp: 1

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

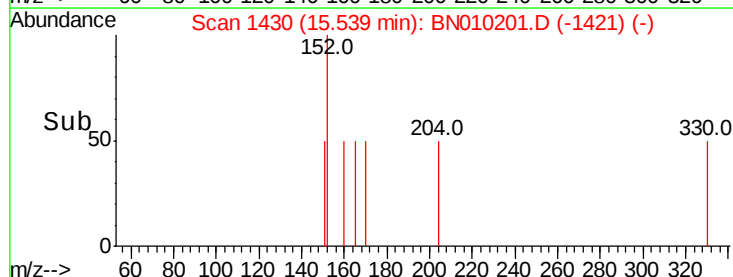
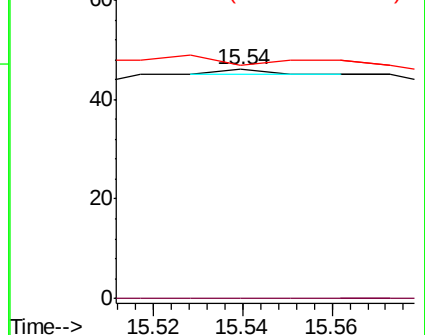
141 0.0 36.8 55.2#

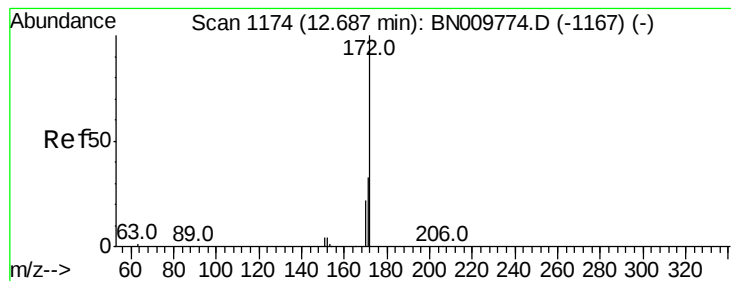


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.044 ng

RT: 12.72 min Scan# 1177

Delta R.T. 0.09 min

Lab File: BN010201.D

Acq: 11 Mar 2020 20:34

Instrument :

BNA_N

ClientSampleId :

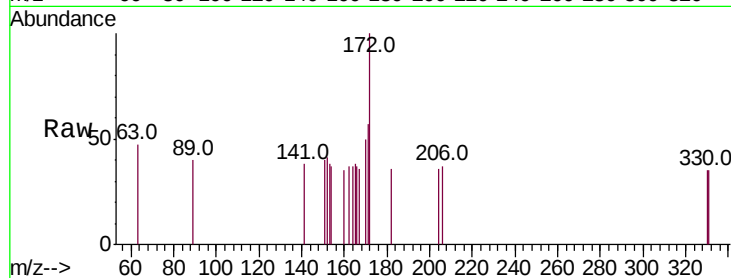
Tot Ion:172 Resp: 328

Ion Ratio Lower Upper

172 100

171 57.0 28.7 43.1#

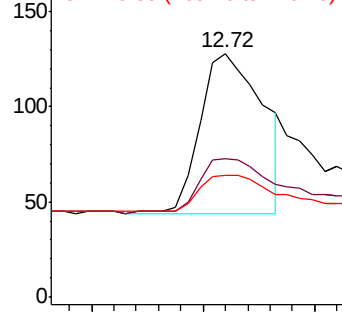
170 50.0 20.1 30.1#



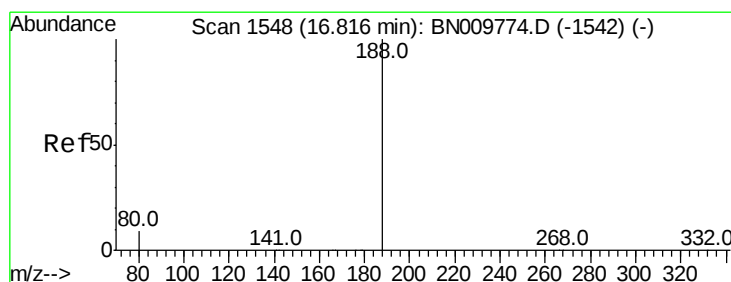
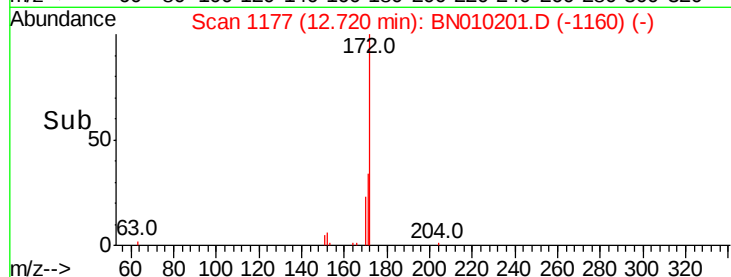
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.83 min Scan# 1549

Delta R.T. 0.05 min

Lab File: BN010201.D

Acq: 11 Mar 2020 20:34

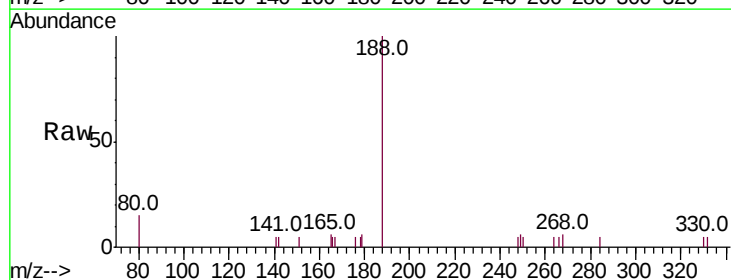
Tgt Ion:188 Resp: 4121

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

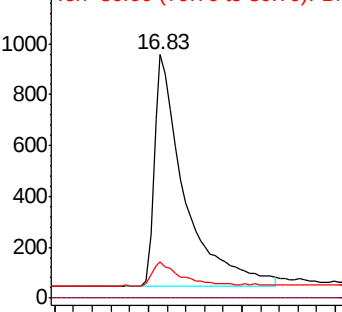
80 14.7 8.3 12.5#



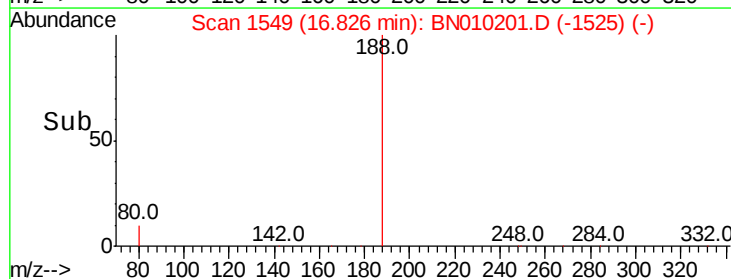
Abundance Ion 188.00 (187.70 to 188.70): E

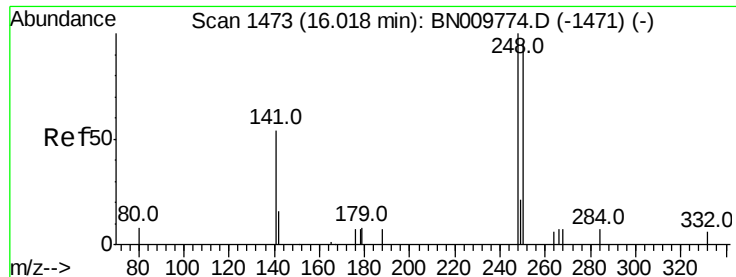
Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



Time-->





#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.08 min Scan# 1479

Delta R.T. 0.07 min

Lab File: BN010201.D

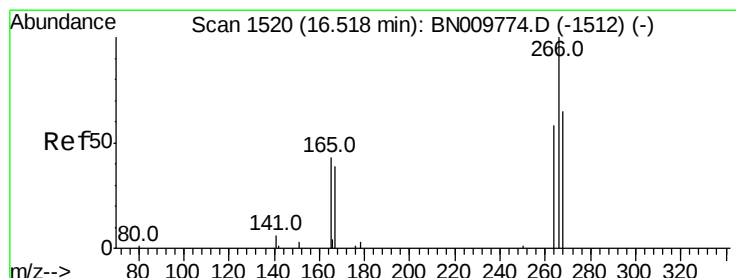
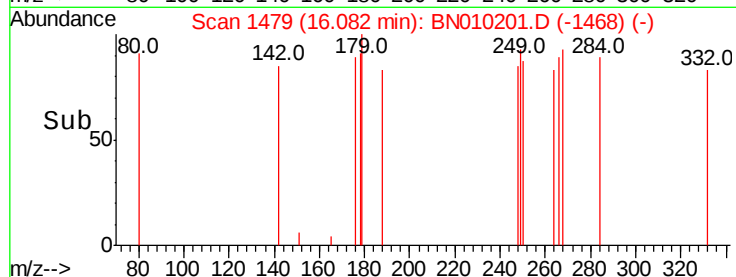
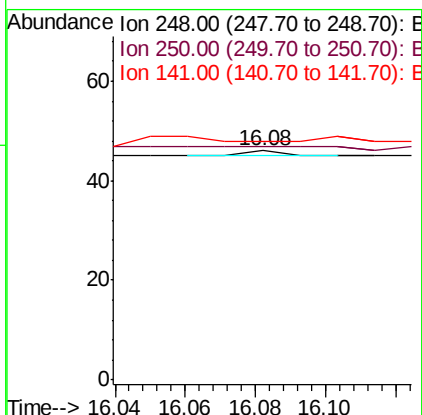
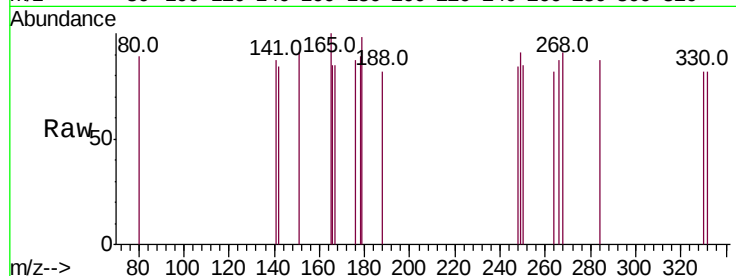
Acq: 11 Mar 2020 20:34

Instrument :

BNA_N

ClientSampleId :

Tot Ion:248	Resp:	1	
Ion Ratio	Lower	Upper	
248	100		
250	102.2	76.2	114.4
141	104.3	57.8	86.6#



#22

Pentachlorophenol

Concen: 0.183 ng

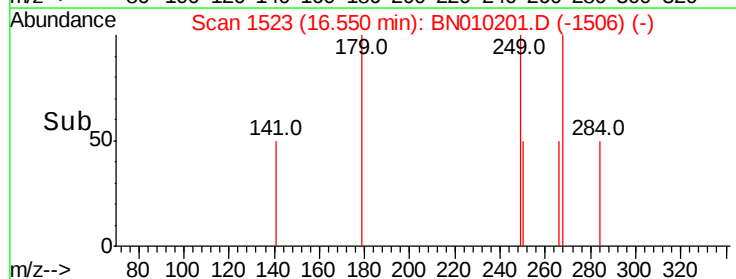
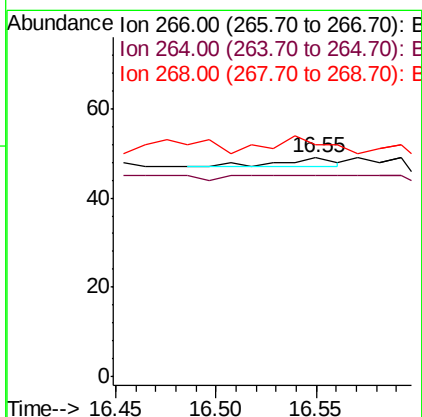
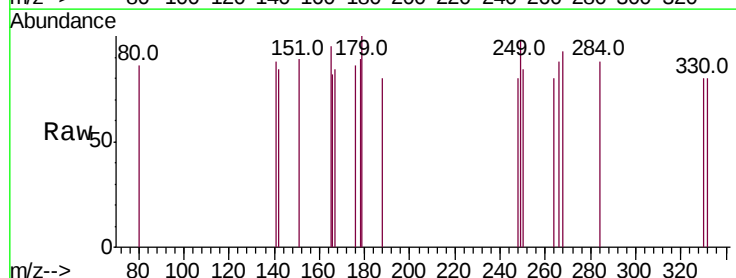
RT: 16.55 min Scan# 1523

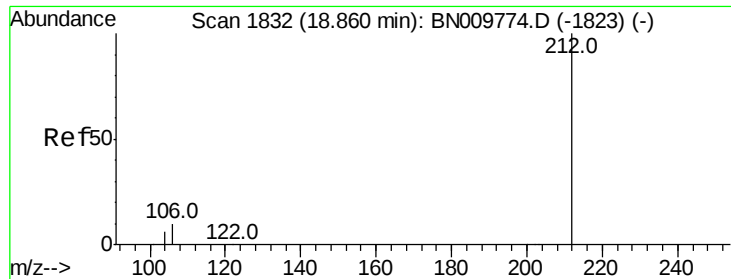
Delta R.T. 0.09 min

Lab File: BN010201.D

Acq: 11 Mar 2020 20:34

Tgt	Ion:266	Resp:	4
Ion	Ratio	Lower	Upper
266	100		
264	91.8	58.1	87.1#
268	106.1	65.7	98.5#





#25

Fluoranthene-d10

Concen: 0.061 ng

RT: 18.87 min Scan# 1835

Delta R.T. 0.05 min

Lab File: BN010201.D

Acq: 11 Mar 2020 20:34

Instrument :

BNA_N

ClientSampleId :

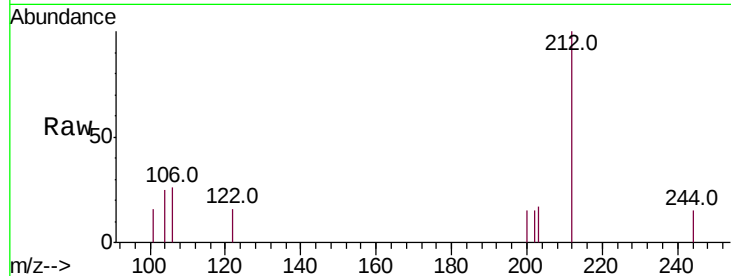
Tot Ion:212 Resp: 866

Ion Ratio Lower Upper

212 100

106 9.0 8.4 12.6

104 4.4 4.8 7.2#



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

18.87

400

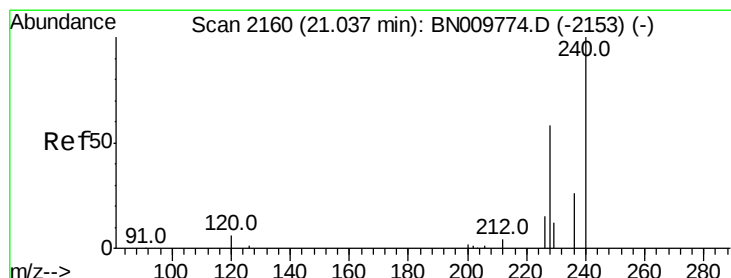
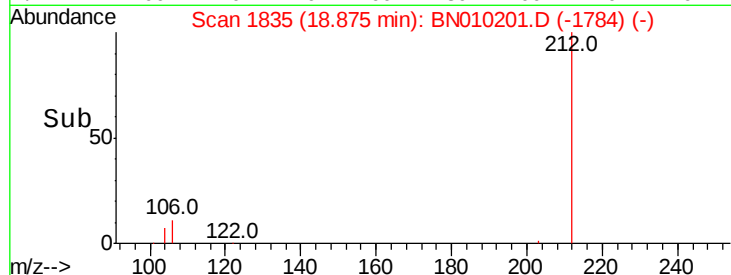
300

200

100

0

Time-->



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.02 min Scan# 2158

Delta R.T. 0.02 min

Lab File: BN010201.D

Acq: 11 Mar 2020 20:34

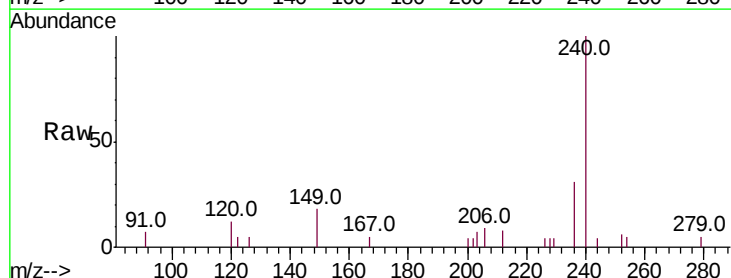
Tgt Ion:240 Resp: 3117

Ion Ratio Lower Upper

240 100

120 12.4 7.9 11.9#

236 30.5 22.0 33.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.02

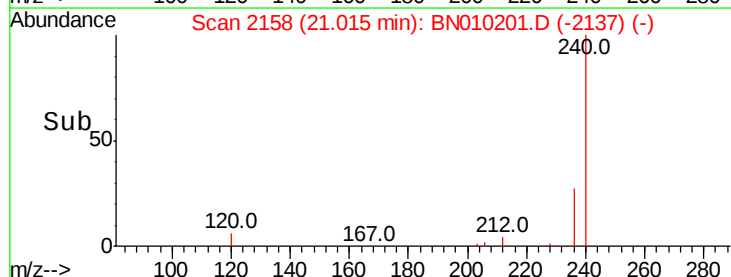
1500

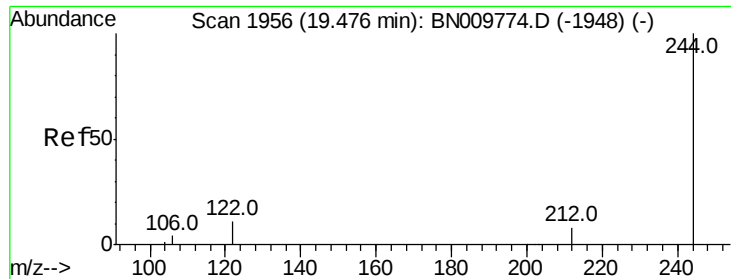
1000

500

0

Time-->





#29

Terphenyl-d14

Concen: 0.085 ng

RT: 19.46 min Scan# 1953

Delta R.T. 0.03 min

Lab File: BN010201.D

Acq: 11 Mar 2020 20:34

Instrument :

BNA_N

ClientSampleId :

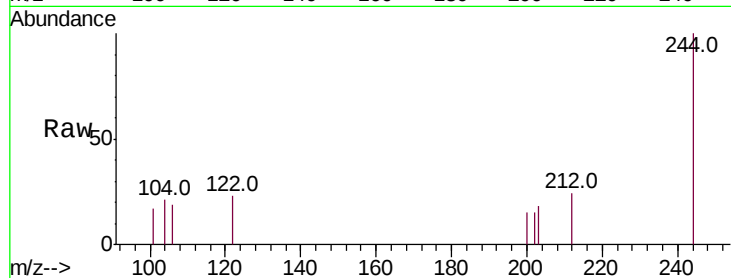
Tot Ion:244 Resp: 635

Ion Ratio Lower Upper

244 100

212 23.8 8.0 12.0#

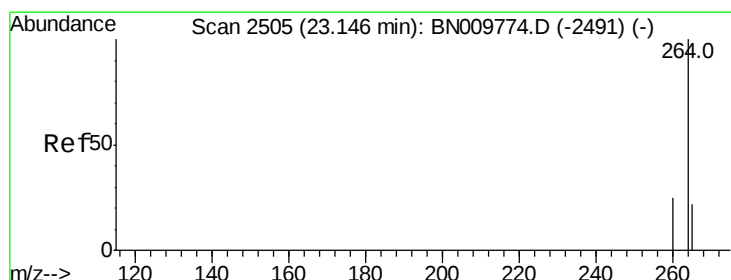
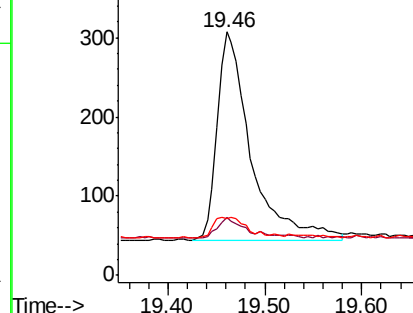
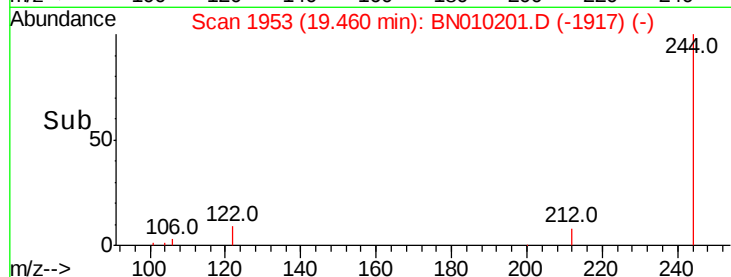
122 23.1 10.0 15.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.11 min Scan# 2495

Delta R.T. 0.01 min

Lab File: BN010201.D

Acq: 11 Mar 2020 20:34

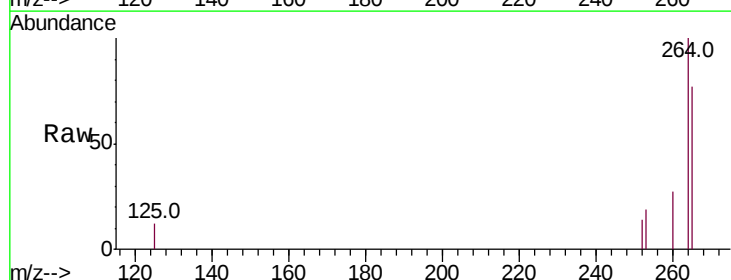
Tgt Ion:264 Resp: 3136

Ion Ratio Lower Upper

264 100

260 27.3 21.1 31.7

265 77.2 57.5 86.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

